AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

LISTING OF CLAIMS:

1-14 (cancelled)

15. (new) Filter unit for filtering particles contained in the exhaust gases of an internal combustion engine, comprising interleaved sets of adjacent inlet passages (10, 11) and outlet passages (12, 13) in fluid communication through their lateral walls, said unit including a set of lateral wall portions (16_1-16_8) forming an intermediate wall (15) between inlet passages (10, 11) and outlet passages (12, 13) and having, in cross section, an undulation determined to increase the overall volume of said inlet passages (10, 11) at the expense of that of the outlet passages (12, 13), and the overall volume (Ve) of said inlet passages (10, 11) being greater that that (Vs) of said outlet passages (12, 13), wherein:

- the hydraulic diameter of said outlet passages (12, 13) is from 0.9 to 1.4 mm,
- the ratio r of the overall volume (Ve) of the inlet passages (10, 11) to the overall volume (Vs) of the outlet passages (12, 13) is from 1.15 to 4,
- the filtering area is from 0.825 m^2 to 1.4 m^2 per liter of said filter unit,
- the ratio of asymmetry of said undulation is less than 20%.

16. (new) Filter unit according to claim 15, wherein the hydraulic diameter of said outlet passages (12, 13) is greater than 0.95 mm.

17. (new) Filter unit according to claim 15, wherein said ratio r is greater than 1.35.

18. (new) Filter unit according to claim 15, wherein said ratio r is less than 3.

19. (new) Filter unit according to claim 15, wherein the filtering area is greater than 0.92 m^2 per liter of sad filter unit.

20. (new) Filter unit according to claim 15, wherein said outlet passages (12, 13) have a cross section of constant area throughout the length (L) of said filter unit.

21. (new) Filter unit according to claim 15, wherein inlet passages (10, 11) and outlet passages (12, 13) are straight and parallel.

22. (new) Filter unit according to claim 15, wherein said inlet passages (10, 11) and outlet passages (12, 13) are arranged relative to each other so that all of the gas filtered by an inlet passage (10, 11) passes into outlet passages (12, 13) adjacent said inlet passage (10, 11).

23. (new) Filter unit according to claim 15, wherein the ratio of asymmetry of said undulation is less than 15%.

24. (new) Filter unit according to claim 15, wherein the ratio of asymmetry of said
undulation is less than 12%.

25. (new) Filter unit according to claim 15, wherein the ratio of asymmetry of said
undulation is greater than 5%.

26. (new) Filter unit according to claim 15, wherein said undulation is periodic and a half-period of said undulation extends over the width of one of said channels (10, 11, 12, 13).

27. (new) Filter unit according to claim 15, wherein said undulation has a sinusoidal shape in cross section.

28. (new) Filter body intended for a particle filter, including at least one unit according to claim 15.

AMENDMENTS TO THE DRAWINGS:

The attached sheets of drawings includes changes to Figures 3 and 4. These sheets, which includes Figures 4 and 5, replace the original sheet including Figures 3 and 4. In Figure 4, the figure was erroneously marked as Figure 3. In Figure 5, the figure was erroneously marked as Figure 4.

Attachment: Replacement Sheets
Annotated Sheets Showing Changes